

**490 kHz NAVTEX**

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range (NM)	B1 Character	Transmission times(UTC)	Language	Status of implementation [Date of operation]
XI	Japan	Otaru	43 19N 140 27E	400	J	0051,0451,0851,1251,1651,2051	Japanese <sup>(1)</sup>	Operational
		Kushiro	42 57N 144 36E	400	K	0108,0508,0908,1308,1708,2108		
		Yokohama	35 14N 139 55E	400	I	0034,0434,0834,1234,1634,2034		
		Moji	34 01N 130 56E	400	H	0017,0417,0817,1217,1617,2017		
		Naha	26 05N 127 40E	400	G	0000,0400,0800,1200,1600,2000		
	Korea, Republic of	Chukpyon	37 03N 129 26E	200	J	0130,0530,09.30,1330,1730,2130	Korean	Operational
		Pyonsan	35 36N 126 29E	200	K	0140,0540,0940,1340,1740,2140		
	Vietnam	Haiphong	20 44N 106 44E	400	P (W) <sup>(2)</sup>	0230,0630,1030,1430,1830,2230	Vietnamese	Planned[1999]

(1) Transmit on 424 kHz (Note; 424 kHz is a local frequency, not a GMDSS frequency allocated for national broadcasts.)

(2) P is allocated until Danang becomes operational, then W is allocated as its B1 on 4209.5kHz (English) and 490kHz (Vietnamese) services.

**4 MHz NAVTEX**

NAV/MET Area	Country	NAVTEX Coast Station	Position	Range (NM)	B1 Charactor	Transmission times(UTC)	Language	Status of implementation [Date of operation]
III, IX	Egypt	Serapeum(Ismailia)	30 28N 32 22E	N.I.	X	0750, 1150	English	Operational
IV	Mexico	Veracruz	19 09N 96 07W	250	N.I.		Spanish	Planned[N.I.]
		Cozumel	20 16N 86 44W	250			Spanish	
V	Brazil	N.I.	N.I.	N.I.	N.I.	N.I.	N.I.	Planned[Aug.1993]
XI	Vietnam	Haiphong	20 44N 106 44E	N.I.	W**	0230,0630,1030,1430,1830,2230	English	Planned[1999]
XII	Mexico	La Paz	24 08N 110 17W	250	N.I.		Spanish	Planned[N.I.]
		Manzanillo	19 05N 104 18W	250			Spanish	
		Salina Cruz	16 09N 095 12W	250			Spanish	

\*\* See footnote (2)

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## ANNEX 9

## HF NBDP MARITIME SAFETY INFORMATION BROADCAST SERVICE

Country	NBDP Coast Station	Position	Frequency Band *	Schedule (UTC)	Status of implementation [Date of operation]
Argentina	Comodoro Rivadavia PNA Radio	45 51S 67 25W	4 MHz	0530, 2300	Operational
			8 MHz	0530, 1300, 1830, 2300	
			12 MHz	0530, 1300, 1830, 2300	
			19 MHz	1300, 1830	
Egypt	Alexandria	31 12N 29 52E	8 MHz	TBD	TBD
	Serapeum	30 28N 32 22E	4 MHz		Planned[1.2.1999]
			6 MHz		
			8 MHz		
Greece			TBD		Planned[N.I.]
Indonesia			TBD		Planned[N.I.]
Iran	Abbas	27 12N 57 17E	4 MHz	0730, 1430	Operational
			8 MHz	0330, 0530, 1230	Operational
			12 MHz	0830, 1030	Operational
Italy			TBD		Planned[N.I.]
Peru	Paita	05 05S 81 07W	4,6,8,12,16,19,22,26MHz	TBD	TBD
	Callao	12 03S 77 07W			
	Mollendo	17 01S 72 01W			
South Africa	Cape Town	33 40S 18 43E	4 MHz(4214 kHz <sup>(1)</sup> )	0615, 0900, 1700	Operational
			8 MHz(8428.5 kHz <sup>(1)</sup> )	0615, 0900, 1700	Operational
			12 MHz(12601 kHz <sup>(1)</sup> )	0615, 0900, 1700	Operational
			16 MHz(16816 kHz <sup>(1)</sup> )	0615, 0900, 1700	Operational
United States	Boston	41 39N 70 33W	6 MHz	0030, 0140	Operational

(1) These are national frequencies, not frequencies allocated by the Radio Regulations(Article N38) for HF NBDP.

Country	NBDP Coast Station	Position	Frequency Band *	Schedule (UTC)	Status of implementation [Date of operation]
			8 MHz	0030, 0140, 1218, 1630	Operational
			12 MHz	0030, 0140, 1220, 1630	Operational
			16 MHz	1218, 1630	Operational
	Guam	13 29N 144 50E	12 MHz	0230, 0500, 0900, 1500, 1900, 2310	Operational
			16 MHz	0230, 0500, 0900, 1500, 1900, 2315	Operational
			22 MHz	0230, 0500, 0900, 1500, 1900, 2315	Operational
	Honolulu	21 26N 158 09W	8 MHz	0130, 0330, 0430, 0630, 0730, 1330, 1730, 2030, 2230	Operational
			12 MHz	0130, 0330, 0430, 0630, 0730, 1330, 1730, 2030, 2230	Operational
			22 MHz	0130, 1730, 2230	Operational
	San Francisco	37 56N 122 44W	8 MHz	0000, 1800	Operational
			16 MHz	0000, 1800	Operational

\* The following frequencies are allocated for NBDP MSI broadcast by the Radio Regulations(Article N38) ;

4 MHz = 4210 kHz

6 MHz = 6314 kHz

8 MHz = 8416.5 kHz

12 MHz = 12579 kHz

16 MHz = 16806.5 kHz

19 MHz = 19680.5 kHz

22 MHz = 22376 kHz

26 MHz = 26100.5 kHz

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